

Abstract

An assembly mountable on a dipper stick of a machine having a tool pivotally connected thereto and means operatively interconnecting the dipper stick and the tool for pivoting the tool relative to the dipper stick, cooperable with the tool for grappling objects, generally consisting of an arm member having a first section connectable to an underside of the dipper stick for pivotal movement about a second axis and a second section connectable to the first section for pivotal movement relative to the first arm section about a third axis, one of the arm sections having a curved bearing surface with a notch therein and the other of the arm sections having a roller biased against the bearing surface whereby the roller may be received in the notch to displaceably position the second arm section relative to the first arm section in a certain relationship, and ride on portions of the curved bearing surface upon a force in a certain direction as being applied to the second arm member causing the roller to ride out of the recess against the biasing force acting thereon; and a chain connected at one end to the second arm section and connectable at an opposite end thereof to the dipper stick.